



ECTACO iTRAVL®

Language Teacher®, Dictionary, Audio PhraseBook™
and Travel Guide

Model: iTRAVL® series

USER MANUAL

More manuals are available at www.ectaco.com/support/manuals

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FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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GENERAL DESCRIPTION

INTRODUCTION

Congratulations on your purchase of the high-end class ECTACO iTRAVL® Hand-held Electronic Language Teacher®, Dictionary, Audio PhraseBook™ and Travel Guide! The product you have purchased is the result of the combined efforts of the ECTACO team of linguists, engineers, and programmers. You are now the owner of one of the most advanced electronic devices ever produced for translation purposes and language studies.

ECTACO iTRAVL® features:

- Talking dictionary of 200,000 to 5,000,000 (depends on a language pair) general, medical, technical, legal, and slang words and expressions with transcriptions, samples of usage, part-of-speech labels, special queries and filtering capabilities
- WordNet dictionary – 70,000 words with definitions
- Unlimited voice function based on TTS (Text-to-Speech) technology
- Voice navigation to ‘first need’ phrases
- Phonetic transcription
- Instant reverse translation
- Look-up function
- Advanced word recognition and MorphoFinder™
- Professionally narrated Audio PhraseBook™ with more than 14,000 phrases per language pair, multiple-language ECTACO Speech Recognition system
- Vector Ultima™ spell-checker
- State-of-the-art Full-text Machine Translation Program (for selected languages)
- ECTACO Speech Recognition based tutorial with graphical testing system
- Linguistic games: FlashCards, Pockets, Spell It Right, Translation Test
- Fodor's Travel Guide to 50 cities
- CIA World Factbook for over 180 countries
- Audio Tours for the Louvre Museum, the Orsay Museum, Versailles, the Historic Paris Walk

- Audio Player with mp3 support
- Calendar
- Tasks
- Size Equivalents
- Metric Conversion
- Local and World Time
- Voice Recorder
- Calculator
- Backlight
- SD slot
- mini-USB port
- Headset jack

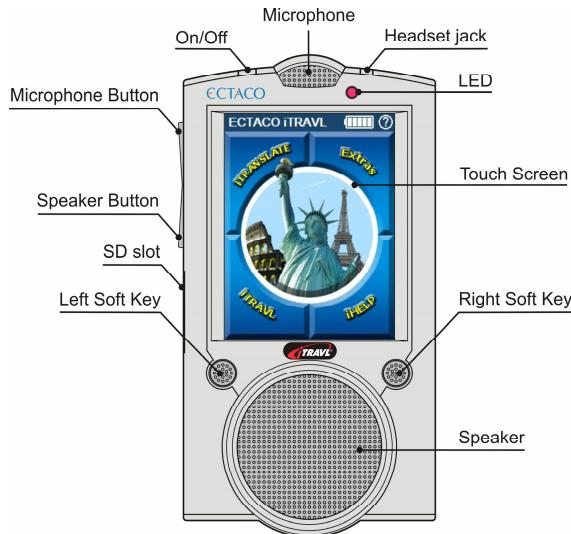
Device is powered by AC/DC adapter (Travel Charger) and rechargeable battery (all included in the standard package).

- ♦ **Note:** Always use the original ECTACO iTRAVL® accessories manufactured by ECTACO, Inc.

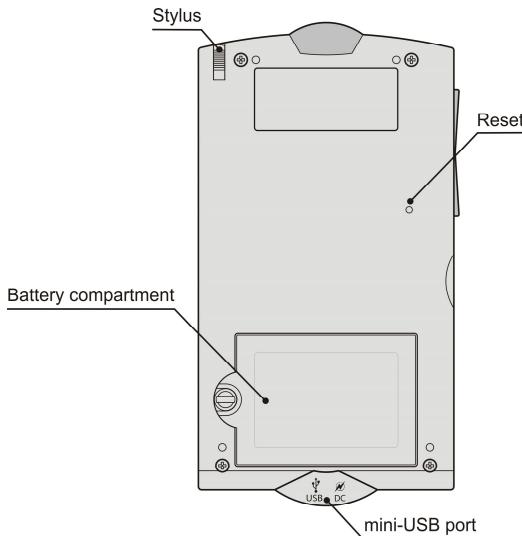
GENERAL VIEW

The general view and essential features of ECTACO iTRAVL® are shown below:

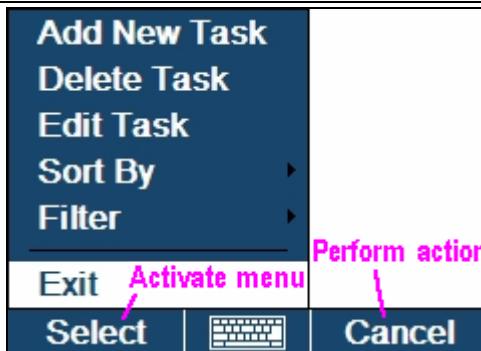
Front Panel:



Back Panel:



Key	Function(s)
On/Off	Turn the device On or Off. When the device is on, press and hold the On/Off button to turn the backlight On or Off.
LED	Blinking blue – recording is in progress or data being transferred. Blinking red – SD card is being scanned, or the battery is critically low.
Microphone Button	Use speech recognition (press and hold). Move highlight up (press and release). Page up.
Speaker Button	Use speech function (press and hold). Move highlight down (press and release). Page down.
Left Soft Key /Right Soft Key	Activate menu or perform touch-button action.



POWER SUPPLY

ECTACO iTRAVL® is powered by a special Li-Polymer rechargeable battery. When the battery becomes weak, the red LED signal starts blinking. In that case, the voice function will be disabled in order to prevent excessive discharge of the battery and a resulting loss of data in RAM. To restore full functionality of the device, recharge the battery as soon as possible.

How to Recharge the Battery

- Make sure the battery is inserted in the battery compartment.
- ♦ **Note:** Only a special rechargeable battery, special charger, and special USB cable or USB cradle may be used with your ECTACO iTRAVL®. Use of an inappropriate external power supply may cause failure of the device and will void the warranty.

- Connect the AC/DC adapter to your device via the mini-USB port (see *General View*), or connect your device to your PC using the special USB cable or USB cradle.

The red LED signal shows that the battery is recharging and the blue one shows it is charged.

SD CARD

Before you start using your ECTACO iTRAVL®, please make sure the SD card (included in the standard package) is installed into the SD slot of the device. If the card is not installed, slide it into the slot located on the left edge of the device – the label of the card face up, contacts face down. Push the card gently until it clicks into place. To eject the card, just push it in slightly.

- ♦ **Note:** If the *SD* slot is covered, please detach the slot cover before you install the card.

INITIALIZATION

In the rare event that the data on the screen is corrupted or a program is not responding properly, you will need to perform a reset.

The *Reset* button is located on the back of the device (see *General View*).

- Press the *Reset* button with the tip of the stylus. Never use a needle or a pin since it can damage the device.

On completion of the reboot, you will see the calibration screen with five targets, appearing one after another as you tap them with the stylus.

DISPLAY AND MAIN MENU

ECTACO iTRAVL® features a touch screen (240 x 320 pixels) with a windows-driven graphical interface. The *Main Menu* consists of four sections, which visually organize access to the ECTACO iTRAVL® applications.

- ♦ **Note:** Tapping screen items is preferably done with the supplied pointing device known as a *stylus*, which, when not in use, is kept in a special slot at the side of the device's back panel (see *General View*).

Main Menu

- To display the *Main Menu*, turn the device on, exit the currently running application and close the current section. The *Main Menu* consists of the following sections: *iTRANSLATE*, *iTRAVL*, *Extras*, and *iHELP*.

At the top of the screen, you will see the battery life indicator.

- Tap the battery life indicator to change the battery life picture to percentage value or a chart.

The *Main Menu* sections are described below. The content of the *Main Menu* depends on product model.

- Use the ***iTRANSLATE*** section to access *Language Teacher*®, *Dictionary*, *WordNet Dictionary*, *Audio PhraseBook*, *Text Translation* (if available), and *FlashCards*.
- Use the ***iTRAVL*** section to access *Fodor's Travel Guide*, *CIA World Factbook*, *Audio Books*, *World Time*, *Calendar*, *Size Equivalents*, *Metric Conversion*, and *Cultural Notes*.
- Use the ***Extras*** section to access *Audio Player*, *Tasks*, *Calculator*, *Settings*, and *Voice Recorder*.
- Use the ***iHELP*** section to manage *voice tags*.
- When in a section, tap the desired application name. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To close an application, tap  at the upper right of the screen. Alternatively, select *Exit*, or use *Menu / Exit*.
- To close the current section, select *Back*.

Using the Voice Commands

- When in the *Main Menu*, press and hold the *Microphone* button. You will see a dialog with two buttons: *Correct* and *Wrong*.
- Say the name of the desired section or application and then release the *Microphone* button. The section or application will then open.
- When in a section, press and hold the *Microphone* button.
- Say the name of the desired application and then release the *Microphone* button. The application will then open.
- ♦ **Note:** When using voice commands, say *Travel Guide* for *Fodor's Travel Guide* and *World Factbook* for *CIA World Factbook*.

Setting the Target Language

The *Target Language* setting is used in **multilanguage models** to set the target language for applications found in the *iTRANSLATE* section of the *Main Menu*.

- When in the *Main Menu*, tap the emblem in the middle of the screen.

You will see the *Select Language* screen.

- Double-tap the desired item. Alternatively, highlight it and then select *OK*.

Now you have set the target language for your device, and it will translate your phrases into the language you have chosen.

Alternatively, use the *Select Language* voice command as described below.

- When in the *Main Menu*, press and hold the *Microphone* button. You will see a dialog with two buttons: *Correct* and *Wrong*.
- Say *Select Language* and then release the *Microphone* button.

You will see the *Select Language* screen.

- Press and hold the *Microphone* button again. You will see a dialog with two buttons: *Correct* and *Wrong*.

- Say <*Language*> and then release the *Microphone* button. For example: *Spanish*.

You may also specify the target language from within the *Settings* section as described below.

- In the *Main Menu*, tap *Extras* to activate the *Extras* section of the *Main Menu*.

- Tap *Settings*. The section will then open.



- Tap the icon to the right. You will see the *Target Language* menu.

- Under *Target Language*, tap to see the list of available options and then select the desired one.

ON-SCREEN KEYBOARD

The on-screen keyboard is a set of virtual keys displayed on the screen. This set of keys simulates the conventional physical keyboard or part of it.

- In applications featuring text input, tap on the toolbar to activate the on-screen keyboard.
- To hide it, tap once again.

WINDOWS

Every application, pop-up menu, or dialog box used in ECTACO iTRAVL® appears in its own *window*. A window is displayed as a framed screen area with two main elements: the *title bar* and the *close button* (or *OK*).

- To move an overlapping window, tap on its title bar and drag the window to another part of the screen holding the stylus down.

The *scroll bar* is shown when the contents do not all fit on the screen. The *slider* shows the position of the displayed contents relative to the rest of data.

On the scroll bar:

- tap a scroll arrow (or) to advance or go back one line;
- tap and drag the slider to browse information;
- tap the scroll bar below or above the slider to jump to the corresponding portion of text.

TOOLBAR

A *toolbar* is a set of horizontally arranged buttons shown at the bottom of the relevant window.



The toolbar buttons' functions are described in the corresponding applications' sections of this manual.

- To activate a menu or perform an action, just tap the corresponding item.

The available menus vary depending on the application.

POP-UP MENUS

With the help of pop-up menus, you can quickly choose an action to perform on the selected item. For example, you can copy a text onto the clipboard. To paste the text you have copied, place the cursor in a text input field and then select *Paste* in the pop-up menu.

- ♦ **Note:** Pop-up menus may vary from application to application.
- To activate a pop-up menu, highlight the desired item and hold the stylus down on it for a second.



- When the pop-up menu appears, lift the stylus and then select the desired action. You can close the pop-up menu by tapping anywhere on the screen, outside of the menu.

PARTS OF SPEECH, GENDER LABELS, ABBREVIATIONS

In the *Dictionary*, translations or definitions of a headword are shown with their parts of speech:

A – adjective
ABBR – abbreviation
ADV – adverb
ART – article
AUX – auxiliary
CONJ – conjunction
ID – idiom
INTRJ – interjection
N – noun

NPR – proper noun
NUM – numeral
PART – particle
PHR – phrase
PREF – prefix
PREP – preposition
PRON – pronoun
SUFF – suffix
V – verb

Nouns may be marked with gender and number labels:

F – feminine	MPL – masculine plural
FPL – feminine plural	N – neuter
M – masculine	NF – neuter or feminine
MF – common gender	NFPL – neuter or feminine plural
MFPL – masculine or feminine plural	NPL – neuter plural
MN – masculine or neuter	PL – plural
MNPL – masculine or neuter plural	

Certain words and expressions in the dictionary may be marked with specific abbreviations.

PRONUNCIATION OF WORDS AND SENTENCES

One of the most exciting features of ECTACO iTRAVL® is the TTS (Text-to-Speech) technology which allows you to listen to the pronunciation of words and phrases in English and, if available, in the target language.

- To hear the displayed or highlighted headword pronounced, press the *Speaker* button and hold it down for a second. Alternatively, select *Menu* and then tap *Speak* or *Say* in the menu that appears. Or, use the pop-up menu or the respective button on the toolbar.
 - ◆ **Note:** Certain words have several pronunciation variations. So the pronunciation of the TTS engine and the given phonetic transcription may be different. In this case, consider the version given in the dictionary as the basic one.
 - To hear the translation or definition pronounced, highlight the desired portion of it by using the stylus, then press the *Speaker* button and hold it down for a second. Alternatively, select *Menu* and then tap *Speak* or *Say* in the menu that appears. Or, use the pop-up menu or the respective button on the toolbar.
 - ◆ **Note:** The *Volume* options (found in the *Settings* section) allow you to adjust speech volume. In most applications, to adjust the volume, select *Menu* and then tap *Volume* in the menu that appears. Tap on the slider and drag it to the desired position. To save changes, tap *OK*.

ONLINE MANUAL

ECTACO iTRAVL® user manual is compiled in an electronic format and is stored on the SD card. The content of the manual is only available when the card is installed into the device.

- In the *Main Menu* or any application, tap the  icon at the upper right of the screen. The application will then open.
- To see the table of contents, tap *Contents* or *Home*.
- Tap the scroll arrows in the upper right and lower right corners of the screen to scroll through the displayed content.

iTRANSLATE

LANGUAGE TEACHER®

ECTACO iTRAVL® features *Language Teacher*® – a language learning system. It is an extremely powerful linguistic tool for those who want to master a foreign language and learn to communicate fluently. With the help of *Language Teacher*®, you will learn a language quickly and easily.

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.
- Tap *Language Teacher*®. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.

There are four steps in *Language Teacher*®: *Alphabet*, *Words*, *Phrases*, and *Dialogs*. Each step comprises several stages.

- Tap *Go* or *Restart* to start learning. Otherwise, tap *Continue* to resume learning from the first step you haven't finished yet.
- Follow the instructions announced.
- Tap *Continue* to go to the next item, stage, or step. You may quickly jump to the desired step by tapping the percentage indicator next to it.

The *Words*, *Phrases*, and *Dialogs* steps are powered with speech recognition function and graphical testing system. The phrase you have said will be recorded, automatically recognized and compared to the model pronunciation. The smileys (, , ) along with voiceover will help you improve your articulation skills.

Alphabet

- Listen to the alphabet. Tap the desired letter's icon to listen to its pronunciation again.
- Listen to the sample words by pressing the *Speaker* button.
- Play the fascinating game.

Words

You will see words illustrated by pictures. Each word will be announced by voice.

- Follow the instructions announced and try to memorize the words.

Phrases

The phrases will be displayed and pronounced line by line. Some of the phrases have changeable parts. These are underlined.

- Follow the instructions announced and try to memorize the phrases.

Dialogs

- Listen to the dialogs and master your pronunciation skills.

DICTIONARY

ECTACO iTRAVL® contains the most advanced electronic dictionary available on the market.

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.
- Tap the application name. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To translate a word, enter it from the on-screen keyboard.
- ♦ **Note:** The MorphoFinder™ function helps you find the source words (headwords) for past participles, gerunds, plural and adjective forms for English, Spanish, Russian, and Polish languages. For example, if you enter "distributes" you will get "distribute" as there is no translation or definition for "distributes" because it is a form of "distribute".
- If the desired word appears before you have finished typing, select it (tap the corresponding line) to see its translation(s) or definition(s).
- Within a translation, where applicable, tap <...> to see the entire text.
- To look up the highlighted English entry in the *WordNet Dictionary*, select *Menu / Explain*.
- To adjust window sizes, tap on the horizontal split bar and drag it to the desired position.

Spell-checker Vector Ultima™

The multilingual spell-checker Vector Ultima™ is one of the most advanced on the market. When you are unsure of a word's spelling, Vector Ultima™ allows you to enter the word as you hear it and choose a spelling variation from the list.

- Type the word board as you hear it: *bord*.
- Select *Menu*, or simply activate the pop-up menu, and then tap *Spell...* in the menu that appears. A list of suggested similar words will appear.
- Select the word *board* to see its translations.
- To reverse translate an entry, simply double-tap it, or hold the stylus down on it and then select *Translate* in the pop-up menu.
- To change the translation direction, tap the corresponding indicator or press the corresponding soft key.
- To list the words or phrases you translated, select *Menu / History....* Alternatively, hold the stylus down on the translation and then select *History* in the pop-up menu.
- ♦ **Note:** The maximum number of entries stored in the *History* list is 7.

Adding Entries to FlashCards

You can create your personal sets of entries copied from the *Dictionary*.

- Select *Menu* and then tap *Add to FlashCards* in the menu that appears. You will see the *Add to FlashCards* window.
- Select the desired options.
- Tap *Add*.

Options

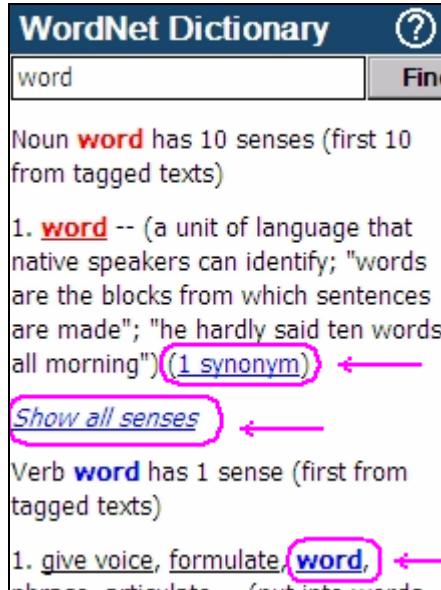
Use *Options* to hide slang words and phrases in the dictionaries. If the English-Russian language pair is available in your device, use *Options* to make specialized English-Russian dictionaries active or inactive.

- Select *Menu / Options....*
- Tap on the desired option to disable/enable it. A check mark will indicate your selection.
- **Note:** To disable *Slang Lock*, please use this password: **showsian**.
- To save changes, tap *OK*.

WORDNET DICTIONARY

ECTACO iTRAVL® includes the advanced English explanatory dictionary – WordNet.

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.
- Tap *WordNet Dictionary*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To define a word, enter it from the on-screen keyboard.
- Tap *Find* to start searching.
- ◆ **Note:** When viewing entries in the *WordNet Dictionary*, tap on the underlined items in blue to follow the corresponding links:



The available pop-up menu items are described below.

- Hold the stylus down on an underlined entry for a second. The pop-up menu will appear.
- Tap *Speak* to hear the entry pronounced.
- Tap *Explain* to look it up in the *WordNet Dictionary*.
- Tap *Translate in Dictionary* to look it up in the *Dictionary*.

- To go back or forward to the last page you viewed, select *Back* or *Forward*, respectively.

AUDIO PHRASEBOOK

ECTACO iTRAVL® substitutes for an interpreter in standard situations such as registering at a hotel, shopping, visiting bank etc. You simply choose the appropriate phrase and the device will pronounce its translation.

Basics

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.
- Tap *Audio PhraseBook*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open and you will see the topics screen.

For easy reference, the phrases are arranged by topics.

- To open a topic, just tap the corresponding item.
- Select *Recent* to open the last topic you viewed, if available.
- To change a topic, tap next to the word *Topic* to view the list of topics and then select the desired one.
- To change the translation direction, tap the corresponding indicator or press the corresponding soft key.
- To hear the phrase translation pronounced, press the *Speaker* button and hold it down for a second. Alternatively, use *Menu / Say*. To stop pronouncing, just press and instantly release the *Microphone* button or the *Speaker* button.
- To adjust the volume, select *Menu* and then tap *Volume* in the menu that appears. Tap on the slider and drag it to the desired position. To save changes, tap *OK*.

Categories: Subtopics, Useful words, You may hear

- Tap next to the word *Category* and then select a subtopic or, if applicable, one the following items: *Useful Words* or *You may hear*.

In the *Subtopic* mode, the application shows full sentences, some of which have changeable parts. These are underlined. For example, when viewing the phrase *How frequent are the flights?* you can double-tap the flights and change it to the trains. The phrase translation will change accordingly.

In the *Useful Words* section, the application shows useful words and speech patterns pertaining to the topic, if available.

- Select *You may hear* to view a list of possible replies you may hear from your interlocutor.
- Use *Menu / Search* to find the desired phrase. You may input a whole phrase (for example, *Thank you*) or a single word (*thank*). Select *OK* to start searching.
- ♦ **Note:** To reduce the search time, please open the desired topic before you start searching. Also, select the *In the current topic only* option.

Settings

- Select *Menu* and then tap *Settings* to activate the *Settings* screen.
- Under the phrase *My gender*, select your gender.
- Select the *Listener gender*.

The gender options provide greater translation flexibility and accuracy. They affect the way iTRAVL® translates certain words and phrases, not the voiceover. You cannot change the voice from male to female or vice versa.

- Select the *Auto Playback* option to instantly hear the phrase translation pronounced (when your phrase is recognized).
- ♦ **Note:** Contents of the phrasebook may vary depending on the selected gender options.
- To save changes, tap *OK*.

Speech Recognition

The *Audio Phrasebook* application features speech recognition functionality.

- Open the desired subtopic. You will see the list of its phrases.
- Press and hold the *Microphone* button.
- Say your phrase and then release the *Microphone* button. If the phrase is on the list, the highlight will move to the desired phrase.

USAGE OF AUDIO PHRASEBOOK FOR FOREIGN LANGUAGE STUDIES

First, listen to a phrase as recorded by a native foreign language speaker and then pronounce it by yourself. The device then compares the phrase you have spoken with the prerecorded sample helping you to improve your pronunciation.

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.

- Tap *Audio PhraseBook*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open and you will see the topics screen.
- If necessary, change the source language. The source language should be your native tongue.
- Highlight the desired phrase.
- To hear the phrase pronounced in the target language, press the *Speaker* button and hold it down for a second. Alternatively, select *Menu* and then tap *Say*.
- Repeat this several times until you learn the correct pronunciation.
- Change the translation direction.
- Position your mouth near the built-in microphone at a distance of 3 – 6 inches (8 – 15 cm).
- Press and hold the *Microphone* button. You will see a dialog with two buttons: *Correct* and *Wrong*.
- Say the newly learned phrase into the microphone.

The phrase you have said in the foreign language will be compared to the model pronunciation. If you have pronounced the phrase correctly, the device will recognize it and then show or pronounce its translation in your native language. If the device does not recognize you – simply repeat the above steps.

- ◆ **Note:** The accuracy of speech recognition depends on the level of external noise. It is best to ensure silence in the room where you practice your pronunciation.

To achieve the best results, please consider the following.

1. Ensure the room is relatively quiet.
2. Choose an optimum distance of 3 – 6 inches (8 – 15 cm) from the built-in microphone, taking your normal speaking volume into consideration.
3. Do not say unrelated words or phrases into the microphone.
4. Try to say phrases distinctly and plainly without clipping syllables.
5. Avoid carelessness in pronunciation (smacking of lips, loudly inhaling or exhaling, mumbling, interruptions, repetitions, etc.).

TEXT TRANSLATION

Select models of the ECTACO iTRAVL® series feature a highly efficient text translation program.

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.
 - Tap *Text Translation*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
 - To change the translation direction, select *Menu / Direction*.
 - Enter a text for translation using the on-screen keyboard.
 - Select *Translate* to automatically translate the text.
- To hear a portion of text pronounced, highlight it and then tap  on the toolbar.
 - Highlight the desired word or expression and then tap  on the toolbar to look it up in the *Dictionary*. To return to *Text Translation*, just close the *Dictionary*.
 - Tap  on the toolbar to clear the screen and enter a new text.
 - Use the available toolbar buttons when working with text:

- | | |
|--|--------------|
|  | – Cut |
|  | – Copy |
|  | – Paste |
|  | – Select All |

FLASHCARDS

Four fascinating games – *FlashCards*, *Pockets*, *Translation Test*, and *Spell It Right* – will help you quickly develop your vocabulary considerably improving the rate at which you learn new words. Our method is simple: learn new words while playing the *FlashCards* games. The application database contains general and specialized dictionaries: *Business*, *Law*, *Medicine*, and *Personal Computers*.

- In the *Main Menu*, tap *iTRANSLATE* to activate the *iTRANSLATE* section of the *Main Menu*.
- Tap *FlashCards*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.

There are pre-defined card sets in this application. Additionally, you can create your own sets.

- To select the desired set, double-tap the respective folder name, or tap on the  box to the left of the folder name, and then tap the desired set name.

- Tap *Info* to view general information on the highlighted set.
- Tap *FlashCards*, *Pockets*, *Translation Test*, or *Spell It Right*. The game will begin. Please find the rules below.

Game statistics are stored in the device memory so you can resume playing from where you left off.

- In the game, select *Reset* to reset statistics for the current set.
- To quit the game, select *Back*.

Creating New Sets and Adding Entries to FlashCards

To create a new set, please follow the steps below.

- Tap on *User Dictionaries* to select it. A check mark indicates that the option is selected.
- Tap *Create* to activate a *New Dictionary* window.
- Enter your information in every field. Tap *OK* to save the set.

To add/edit entries, please follow the steps below.

- Select the desired set within *User Dictionaries* and then tap *Edit*. In the window that appears, tap *Add* or *Edit* to add or edit an entry, respectively. To edit an entry, please first select it.
 - Enter your information in every field as desired.
 - To save changes, tap *OK*.
- You can create your personal sets of entries copied from *Dictionary*.
- Select *User Dictionaries* and then create your set.
 - Open the *Dictionary* application.
 - Select the desired entry.
 - Select *Menu* and then tap *Add to FlashCards* in the menu that appears. You will see the *Add to FlashCards* window.
 - Select the desired options.
 - Tap *Add*.

FlashCards

The face of a card shows the source word translation/definition, and the reverse side shows the source word. The player browses the cards and, whenever necessary, uses a hint.

The goal is to learn all cards in the set. You will be prompted to proceed to the next set once you have finished the current one.

The number of unlearned cards in a set is recorded for each game. This information is displayed on the screen. For example, *Words left: 10* means you have 10 cards remaining unlearned.

- Tap the *Drop* button to set a card apart.
- To go to the next card, tap *Skip*.
- Select the *Always show translation* option to have the program show you the source word in each card.
- Alternatively, tap on the *Show translation* message to see the source word. To hide the source word, just tap on it.

Pockets

This is a traditional game targeting in-depth word learning. In this game, the same cards as those used in the *FlashCards* game are divided into 4 groups (4 pockets). At the beginning of the game all cards are located in the first pocket. You turn the cards one by one and, if you know the hidden source word, put the card in the second pocket. Keep browsing until all the cards from the first pocket are moved to the second pocket.

At the second stage you move the cards to the third pocket and, again, if you know the hidden source word, put the card in the next pocket.

The goal is to move all cards to the fourth pocket. You will direct most of your effort at learning difficult words, while simple words will shortly jump to the fourth pocket.

- Tap on the first pocket.

The first card from those stored in the selected pocket will be displayed.

- Tap *Got it!* if you know the hidden word.

The card will be moved to the upper pocket.

- If you do not know the source word, tap *Forgot*, and the card will remain in the current pocket.

The bottommost line of the screen displays the number of cards left in the pocket. The game continues until all cards are moved to the fourth pocket and memorized.

Translation Test

In this game you should choose a source word which best corresponds to the given description. You will be offered four choices, and you should select the correct one. If your choice is incorrect, you will be prompted to answer the given question later.

The word description and four answer choices will be displayed.

- Tap on the correct one.

If you have made an error, the word will be replaced with " - - ". If you have guessed the word, it will be highlighted for a second, and the card will be set apart. If you guess wrong or tap the *Skip* button, the card will remain in the set and will be displayed later. The number of unlearned cards in a set is recorded for each game. This information is displayed on the screen. For example, *Words left: 10* means you have 10 cards unlearned.

When you have finished a set, the *Current set is finished* message will be shown.

- Tap *Start Over* to reset the statistics and go to the first question in the current set.

Spell It Right

In this game the focus is on the correct spelling of words. The program displays the cards one by one with the source word hidden. This game is similar to *FlashCards*, but this time you should type the source word yourself. As in all other games, you can view the source word at any time.

The *Spell It Right* screen with the first card from the first set will be shown.

- Type the correct source word in the text input field and tap *OK*.
- Tap *Skip* to go to the next card. When you reach the last card in a set, you will return to the first unlearned card from the given set.
- Tap on the *Show translation* message to see the source word. To hide the source word, just tap on it.

iTRAVL

FODOR'S TRAVEL GUIDE

This application provides in-depth restaurant and hotel reviews in cities around the world, and smart travel tips to make vacation planning easier.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *Fodor's Travel Guide*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.

- To quickly navigate to a city, tap the first letter of the desired city name.
- Tap the desired city name. You will see the information sections.
- Tap the desired section name to view its contents.
- To go back to the last page you viewed, select *Back*.

CIA WORLD FACTBOOK

The World Factbook is a reliable and extremely popular source of information on all the nations of the world.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *CIA World Factbook*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To quickly navigate to a country, tap the first letter of the desired country name.
- Tap the desired country name. You will see the information sections.
- Tap the desired section name to view its contents.
- To go back to the last page you viewed, select *Back*.

AUDIO BOOKS

Make sure your trip abroad is culturally enlightening! The *Audio Books* will personally lead you through Paris' top sights.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *Audio Books*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To start a tour, just tap its name and then tap *Select*. The narrations listing will appear.
- Tap *Play* and listen to the tour. To play a particular narration, just tap it and then select *Play*.
- To play an item at a specific point, tap on the progress bar at the upper right of the screen.
- To pause playing, select *Pause*.
- To stop playing, select *Menu* and then tap *Stop* in the menu that appears.
- To return to the main window, select *Menu / Back*.

- To adjust the volume, select *Menu* and then tap *Volume* in the menu that appears. Tap on the slider and drag it to the desired position. To save changes, tap *OK*.

WORLD TIME

Using your ECTACO iTRAVL®, you can view current times in cities around the world, along with corresponding map illustrations.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *Local/World Time*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- Tap *City* on the toolbar to open the list of cities.
- Select the desired city. Tap *OK*.

CALENDAR

Manage your time effectively by using the *Calendar* application. You may enter records, as well as edit and delete them.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *Calendar*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.

Adding Appointments

To select the date, please follow the steps below.

- Tap the date indicator at the upper left of the screen and then select the desired month, day (if applicable), and year in the window that appears.
- In *Calendar*, tap the desired date on the calendar list. When in the *Agenda View* or *Day View*, tap *M*, *T*, *W*, *T*, *F*, *S*, or *S* button to set the day of the week. Use or to go to the previous or next week (month – in the *Calendar* mode), respectively. Use to return to the current date (month – in the *Calendar* mode).
- ♦ **Note:** You must be in the *Agenda View* or *Day View* to add appointments.
- Select *Menu* and then tap *New* in the menu that appears.
- Tap on the *Subject* data field and enter the subject.
- To set the *Date*, *Time*, and *Duration*, tap the desired item and then tap on the arrows to set the values.

- Enter your comments into the *Notes* field.
- Tap *OK* to save the appointment.

Viewing, Editing, and Deleting Appointments

- In the *Agenda View* or *Day View*, tap an appointment to view it.
- To delete the appointment, select *Menu* and then tap *Delete*.
- To edit the appointment, select *Menu* and then tap *Edit*. Make your changes.
- Select *OK* to save your changes and return to the main window.

Agenda View, Day View, Calendar

The *Agenda View* displays the schedule for the selected day. The *Day View* displays the schedule for the selected time.

- Select *Menu* and then tap *Agenda View*, *Day View*, or *Calendar*.
- In *Calendar*, select *Menu* and then tap *Clear Date* or *Clear to Date* to delete the tasks scheduled for a certain date or earlier, respectively.

SIZE EQUIVALENTS

When you travel or shop internationally, refer to this application to learn about the correlation between the clothes and shoes size systems used in different parts of the world.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *Size Equivalents*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- Tap *Men's Shirts*, *Men's Shoes*, *Women's Blouses*, or *Women's Shoes* to view the respective section.
- To navigate to any other section from the current one, use the corresponding hyperlink.
- To return to the main window, select *Home*.

METRIC CONVERSION

With the help of ECTACO iTRAVL® you can perform metric conversions.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.

- Tap *Metric Conversion*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.

Using the Stylus

- To open the list of categories or units, just tap the corresponding line.
- Select the desired category and units. Use the scroll bar, if necessary.
- Enter the value to be converted.
- Select *Menu* and then tap the *Sound ON* or *Sound OFF* option to enable/disable a short beep produced every time you tap the numeric pad.

Using Voice Commands

The use of voice commands will help you navigate through every field step by step. A red dot  shown next to a field indicates that the field is active.

- Press and hold the *Microphone* button.
- Say one of the voice commands, which is prompted by *Voice hints* (if the option is enabled), and then release the *Microphone* button.
- ◆ **Note:** Only the items listed above the dashed line (-----) in the pull-down menus are recognized as voice commands.
- To hear the voice hint pronounced, press the *Speaker* button and hold it down for a second.
- To disable the voice announcement, select *Menu / Voice hints OFF*.

CULTURAL NOTES

ECTACO iTRAVL® includes *Cultural Notes* to help you get acquainted with modern Arab-Islamic traditions. It also offers a multiple-choice exam.

- In the *Main Menu*, select *iTRAVL* to activate the *iTRAVL* section of the *Main Menu*.
- Tap *Cultural Notes*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- Tap *Information Block* to see the cultural notes.
- For the multiple-choice exam, tap *Learning Block*. You will be offered four choices for each question, and you should select the correct one.

EXTRAS

AUDIO PLAYER

ECTACO iTRAVL® includes *Audio Player*, a program allowing you to play and organize digital audio files. The program supports .mp3, .wav, and .ogg files.

- In the *Main Menu*, tap *Extras* to activate the *Extras* section of the *Main Menu*.
- Tap *Audio Player*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To play the desired recording, just tap it and then select *Play*.
- To adjust the volume, select *Menu* and then tap *Volume* in the menu that appears. Tap on the slider and drag it to the desired position. To save changes, tap *OK*.
- To play an item at a specific point, tap on the playback progress bar in the upper part of the screen.
- To pause playing, select *Pause*.
- To stop playing, select *Menu* and then tap *Stop* in the menu that appears.
- To organize files, highlight the desired record and then tap or to move it up, down, or delete, respectively.
- Select *Menu / Scan* to rescan the card for music files.
- Use *Menu / Hide* to hide the application window while the record is playing. Now you may run another application.
- Use *Menu / Setup* to activate the equalizer and regulate the sound to personal taste. To save changes, select *OK*.

Please use the following on-screen buttons to operate the program:

– Turn shuffle on

– Turn shuffle off

– Repeat one

– Repeat all

– Repeat none

– Previous

– Play

[II] – Pause

[■] – Stop

[▶] – Next

TASKS

This is a standard organizer program for managing your tasks.

- In the *Main Menu*, tap *Extras* to activate the *Extras* section of the *Main Menu*.
- Tap *Tasks*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.

Adding New Task

- Enter your task description and then tap *Add* to the right of the input line.

For more options, please leave the input line blank, or use the new task template as described below.

- Select *Menu* and then tap *Add New Task* in the menu that appears.
- Enter information in the fields you want. Use ▾ to open the drop-down lists.
- In the *Occurs* field, select <*Edit pattern...*> to activate the *Recurrence* screen.
- Tap *Next* to access additional tabs. Tap the *Daily*, *Weekly*, *Monthly*, or *Yearly* tabs to add settings.
- To specify the *Start* and *Due* dates, tap *Next*.
- Tap *Finish* to save your changes.
- Use the *Notes* tab to enter comments on your task.
- Tap *OK* to save the task.
- In the main window, tap on the completion check box to mark/unmark a task as completed.

Managing Tasks

1) Tap the task to view it. The icons you may see next to the task title have the following meanings: ✓ – completed, ☀ – valid reminder, ⚡ – expired reminder, ! – high priority, ↓ – low priority, ⚡ – recurrence.

- Tap *Edit* on the toolbar to edit the task.

- To save changes, tap *OK*.
- 2) Use the *Menu* options to add a new task, edit or delete the highlighted task, set the desired sort order or selection criteria.

CALCULATOR

ECTACO iTRAVL® includes a standard calculator with memory features. The screen has 9-digit display capacity.

- In the *Main Menu*, tap *Extras* to activate the *Extras* section of the *Main Menu*.
- Tap *Calculator*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- Select *Menu / Cue ON* to hear voice announcements for the operations you perform.
- Press the *Speaker* button and hold it down for a second to hear the displayed number pronounced.

SETTINGS

For best results and to ensure that you can fully employ all of the diverse features of your ECTACO iTRAVL®, it is recommended that you thoroughly familiarize yourself with the options of the *Settings* section. This will allow you to adjust the device configuration to better suit your needs.

- In the *Main Menu*, tap *Extras* to activate the *Extras* section of the *Main Menu*.
- Tap *Settings*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The section will then open.
- Tap the desired icon to the right of the main window to activate the corresponding section.

Standard / Megaphone settings

- Tap *Standard* to restore the default settings.
- Tap *Megaphone* to restore the settings suitable for use with an external amplification device such as a bullhorn, PA system, or the vehicle's speaker unit.
- Tap on the *Master Volume* control to adjust the overall volume.
- Tap on the *Internal Speaker Volume* and *Headphones Volume* controls to adjust the speaker and headphone volumes, respectively.
- Select the *Mute* check box to turn off sound, if necessary.

- Tap on the *Mic Volume* control to decrease or increase microphone sensitivity.
- ♦ **Note:** The *External Mic* option is selected automatically when the headset is plugged in.
- Select *Test* to check the adjustment while listening to the sample sound.

Power Options

- Tap on the *Backlight Level* control to adjust it.

The *Power Scheme* options are selected automatically depending on the detected power supply.

Adjust the backlight and power auto-off time. This feature saves battery life by shutting the device down or switching the backlight off after the specified period of inactivity.

- Under *Backlight Off Time* and *Power Off Time*, tap  to see the list of available options and then select the desired one.

To restore proper touch screen functionality, the screen might have to be recalibrated manually.

- Select *Calibrate*.
- Follow the on-screen directions for calibration by tapping five targets, appearing one after another as you tap them with the stylus.

When the calibration is complete, you will return to the *Settings* section.

Local Date and Local Time

- Under *Date* or *Time*, tap on the arrows to set a value.
- Tap the arrow to the right of *Time Zone*, to select the desired zone in the window that appears.
- If necessary, check the *Auto adjust clock for daylight saving* box.
- To save changes, tap *OK*.
- Under *Regional Settings*, tap  to see the list of available options and then select the locale used for numbers, time, and dates.
- To confirm changes, tap *Apply*.
- To cancel changes, tap *Discard*.

Target Language

This item is used in **multilanguage models** to set the target language for applications found in the *iTRANSLATE* section of the *Main Menu*.

- Under *Target Language*, tap  to see the list of available options and then select the desired one.

VOICE RECORDER

The *Voice Recorder* allows you to record memos and play them back.

- In the *Main Menu*, tap *Extras* to activate the *Extras* section of the *Main Menu*.
- Tap *Voice Recorder*. Alternatively, highlight it and then tap *Select* or press the corresponding soft key. The application will then open.
- To start recording, select *Record*.
- To stop recording and save the record, select *Stop*.
- To cancel recording, select *Cancel*.
- To play the highlighted record, select *Menu* and then tap *Play* in the menu that appears.
- To adjust the volume, select *Menu / Volume*. Tap on the slider and drag it to the desired position. To save changes, tap *OK*.
- To rename the highlighted record, select *Menu / Rename*.
- To delete the highlighted record, select *Menu / Delete*.

iHELP

iHELP

ECTACO iTRAVL® uses speaker-independent speech-recognition technology. This means that regardless of the pronunciation or speech characteristics, the majority of users will be able to choose phrases by voice with equally good results.

The *iHELP* application also allows you to keep a list of emergency or most frequently used phrases at hand. With this feature you will find a phrase in no time – just pronounce its voice tag, and the phrase translation will be spoken aloud immediately.

- In the *Main Menu*, select *iHELP*. The application will then open.

Profiles

A user profile stores the set of voice tags and initial training data for the respective user of ECTACO iTRAVL® to ensure the correct speech recognition.

- Select your *Profile*.
- To create a new profile, select *Menu* and then tap *Add profile*. Enter a profile name in the window that appears and then tap *OK*.
- Use the *Menu* options to add, edit, remove, or move profiles.
- Follow the on-screen directions.

Navigation is performed by using the *Microphone* or *Speaker* buttons, or by stylus.

Initial Training

To ensure the correct speech recognition, you must perform the adaptation procedure during which the system adjusts to a particular voice more precisely.

- To start training, select *Menu* and then tap *Training*.
- Read the phrases into the microphone as they are highlighted on the screen.
- To stop training, select *Pause*.
- To continue training from where you left off, select *Resume*.
- The bubble sound (if applicable) indicates the voice hasn't been recorded. In this case, please try again.
- ◆ **Note:** The system will be tuned to the speaker's voice only after all the training phrases are recorded.

The accuracy of speech recognition depends on the level of external noise. It is best to ensure silence in the room.

To achieve the best results, please consider the following.

1. Ensure the room is relatively quiet.
2. Do not say unrelated words or phrases into the microphone.
3. Try to say phrases distinctly and plainly without clipping syllables.
4. Avoid carelessness in pronunciation (smacking of lips, loudly inhaling or exhaling, mumbling, interruptions, repetitions, etc.).

Phrases

Use the *Phrases* mode to view the list of voice tags.

- Select *Menu* and then tap *Phrases*.

- To hear the phrase translation pronounced, select the desired voice tag, press the *Speaker* button and hold it down for a second.
- To view the full phrase and its translation, select *Menu* and then tap *Full phrase*. Select *Menu / Back* to return to the list of voice tags.
- To remove the highlighted phrase, select *Menu / Remove phrase*.

Adding or Editing Phrases and Voice Tags

To add phrases, first perform the initial training as described above.

- When in the *Phrases* mode, select *Menu* and then tap *Add phrase* or *Edit phrase* to add or edit your phrase or voice tag, respectively. Follow the on-screen directions.

You can add phrases copied from the *Audio PhraseBook* as described below.

- Select *Menu / Add Phrase*. You will see the phrase input dialog.
- Select *Menu / PhraseBook*. Tap the desired topic, subtopic, and phrase sequentially.
- Tap *Next*, and then enter a key phrase for the phrase you have chosen.
- To save your entry, select *Done*.
- ♦ **Note:** The maximum number of phrases allowed is 50.

Using Voice Tags

- Launch the application. If the initial training has already been performed, you will hear the *Recognition mode on* announcement.
- Say your voice tag. If it is on the list, the highlight will move to the voice tag and the phrase translation will be pronounced.
- Select *Menu* and then tap *Voice Confirmation ON*, if applicable. With this option selected, the voice tag will be spoken each time it is recognized.